

Chapter 9

Kink dynamics of central column

9.1 GPI results

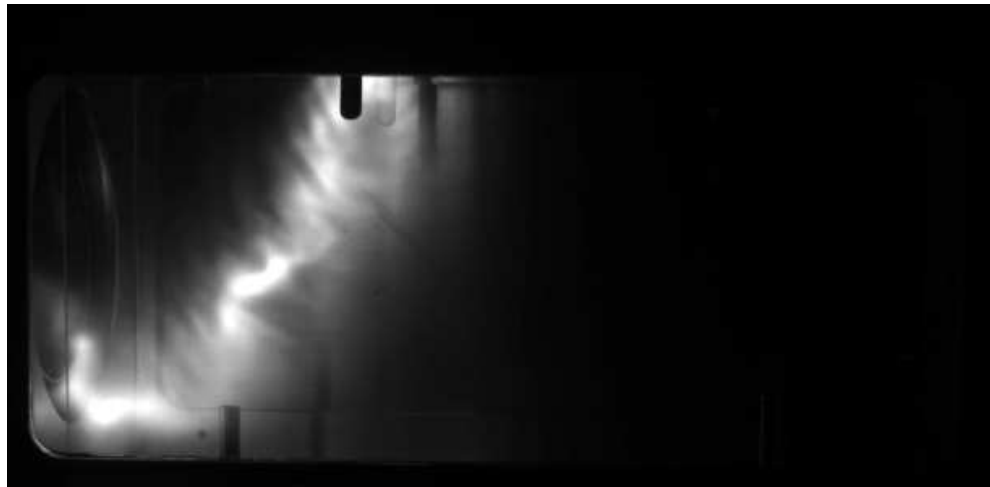


Figure 9.1: Gas puff kink instability caused by accelerator current

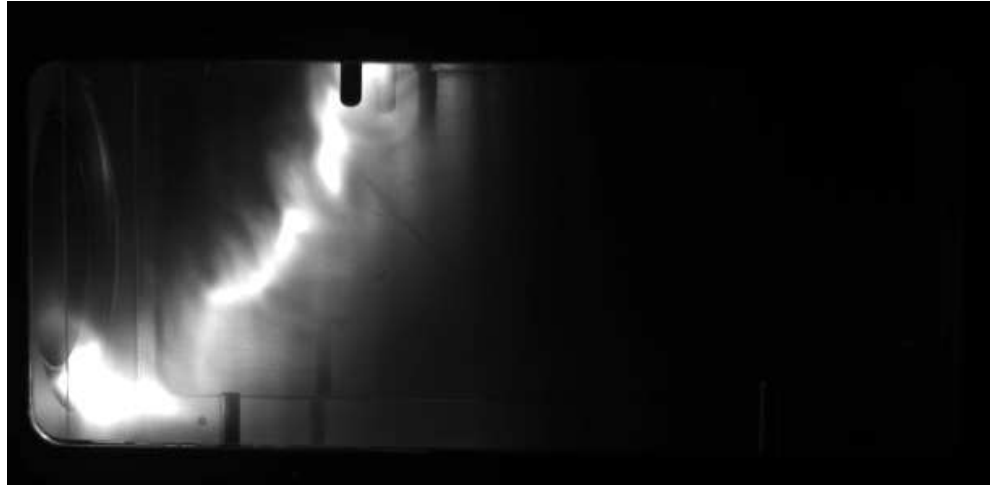


Figure 9.2: Gas puff kink instability caused by accelerator current

9.2 Magnetic field results

9.3 Comparison to theory of kink instability

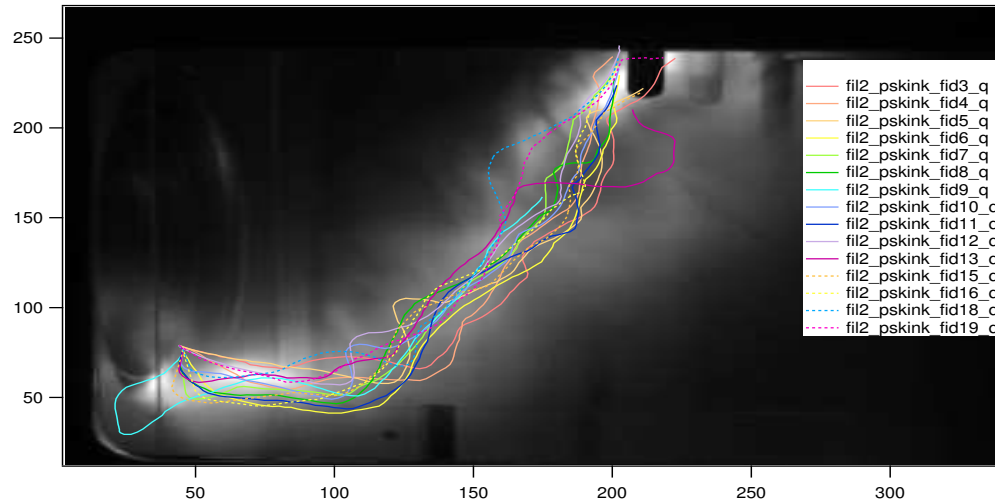


Figure 9.3: Dataset of Kink-effect shots showing the overlay of free-form filament curves for comparison.